

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:00 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1121 Const Calendar Day: 694 Date: 29-Apr-2014 Tuesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition clear

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

Crews at the Pier 7 warehouse area are working an 8-hour shift 0700 through 1530 today. Ironworker Donald Plumb works all day at the test rigs for the modification of TR's 1-4 to TR's 14-17.

ABF continues work modifying TR's 1-4 to TR's 14-17 with Ironworker Don Plumb. He continues work at TR 1 (convert to TR 14). He starts by air arc removing the existing doubler plate and oxyacetylene torch cutting the feet extensions at the north end of the test rigs. Then he grinds the remains from the doubler plate welds at the north and south ends as well as lowers the profile of the longitudinal welds between the box top and box sides so that the new doubler plates will sit flat. Then, he fits up the north and south doubler plates, including drilling holes and tack welding. Both of the new doubler plates at TR 1 (convert to TR 14) are ready for welding tomorrow.

CT-METS Elijah Turner and Scott Croff are doing work in the field for AE. They epoxy used AE sensors to a steel plate so that they can be checked. Then later, they check the AE sensors. Some of the used AE sensors have issues and cannot be reused.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is on idle/standby at the test rig work area. A 40kW generator – MQ Power 40 – ABF ID 002051 is on idle/standby at the test rig work area. A Hydraulic Pump for running the jacks is on idle/standby at the test rig work area. An oxyacetylene torch is used at the test rig work area. A compressor – IR P185 ABF ID 000002 is used at the test rig work area. A welding machine – Lincoln Vantage 500 ABF ID 000074 is used at the test rig work. A Kubota Cart is used by the ironworker working on the modifications to the test rigs.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces
10' ABF k-rail = 4 pieces
20' rented k-rail = 10 pieces
20' ABF k-rail = 11 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314. Also a fourth 20' ABF k-rail is



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between the CCO 314 work area and FW Spencer's yard along the fence line near the BayView Trailer. Seven of the ABF 20' k-rail are in TR's 1-4.

Also note that ABF is currently selling their k-rail. At least 2 truck loads (6 pieces each) of 20' long ABF k-rail were loaded on trucks yesterday and at least one more truck load is loaded today, because the k-rail has been sold by ABF. ABF still has 20' k-rail in the test rigs and outside of the test rig area.

The agreed extra work with ABF is as follows:

Ironworker Donald Plumb - 8 hrs

185 CFM Compressor - 8 hr

Vantage 500 Welder - 8 hrs

Kubota Cart - 8 hrs

k-rail: 6 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 2 pcs

Crane Mats (12x12 - 5'x7') - 8 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work

INSPECTOR OT REMARK:

Office 2 hours: Field 0700 through 1530, except for 0800 through 1200 at Caltrans Required Safety Stand-down (for Safety Awareness Month). Then work late in the office for various CT-METS and DJV issues. Also compile bolt test photos as requested for an event/presentation next week. ABF's shift is 0700 to 1530. My shift is 0700 to 1730 and my OT hours are 1530 to 1730.